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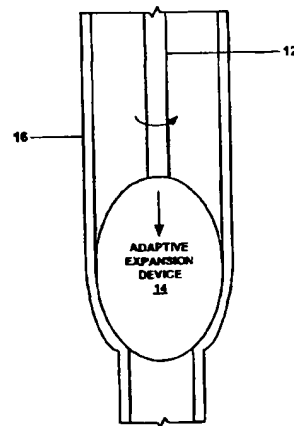
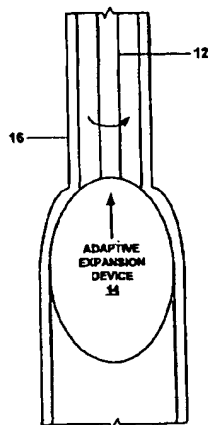
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[Continued on next page]

(54) Title: APPARATUS AND METHOD FOR RADIALLY EXPANDING A WELLBORE CASING USING AN ADAPTIVE EXPANSION SYSTEM



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(57) Abstract: An apparatus and method for radially expanding a wellbore (34) using an adaptive expansion device (14).

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A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : E21B 43/10, 23/00 US CL : 166/380, 207, 214, 250.01 According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S. : 166/380, 207, 214, 250.01 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Please See Continuation Sheet		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
T	US 6,722,427 B2 (GANO et al) 20 April 2004 (20.04.2004), claims 10, 25, and 29.	13-18
T	US 2004/0065446 A1 (TRAN et al) 08 April 2004 (08.04.2004), paragraphs [0054] and [0057].	13-18
X, P	US 6,688,397 B2 (MCCLURKIN et al) 10 February 2004 (10.02.2004), column 6, lines 40-49.	13-18
A	US 5,253,713 A (GREGG et al) 19 October 1993 (19.10.1993), Figures 3 and 6-8, column 6, lines 57-66.	1-3
A	US 5,749,585 A (LEMBCKE) 12 May 1998 (12.05.1998), column 1, lines 45-55 and column 3, line 55 through column 4, line 8.	1-3
A	US 5,282,508 A (ELLINGSEN et al) 01 February 1994 (01.02.1994), column 19, lines 47-50 and claim 7.	4-6
A	US 6,012,521 A (ZUNKEL et al) 11 January 2000 (11.01.2000), column 13, lines 44-51.	4-6
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Date of the actual completion of the international search 26 October 2004 (26.10.2004)		Date of mailing of the international search report 06 JAN 2005
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703) 305-3230		Authorized officer David Bagnell Telephone No. 703-308-1113

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INTERNATIONAL SEARCH REPORT

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PCT/US04/08030

Continuation of B. FIELDS SEARCHED Item 3:
EAST: expansion cone, expansion tool, expansion device, expansion member, adaptive, spring rate, damping rate, adjusting frequency,
adjusting operating characteristic

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